

1/2

ATGAGCCTGATCGCCTCCGACCACCTCCGCATCGTTGTCGGCCTCGGCAAGAGCGGCATG
MetSerLeuIleAlaSerAspHisPheArgIleValValGlyLeuGlyLysSerGlyMet

TCCCTGGTGCCTACCTGGCGCGCCGGCTTGCCTTCGCCGTGGTCGATACCCGAGAG
SerLeuValArgTyrLeuAlaArgArgGlyLeuProPheAlaValValAspThrArgGlu

AACCCGCCGGAGCTGGCCACCCCTGCGTGCCCAGTATCCGCAGGTGGAAGTGCCTTGC
AsnProProGluLeuAlaThrLeuArgAlaGlnTyrProGlnValGluValArgCysGly

GAACTCGACGCCGAGTTCTCTGCTCCGCCGAACTCTATGTCAGCCCCGGCTTGT
GluLeuAspAlaGluPheLeuCysSerAlaArgGluLeuTyrValSerProGlyLeuSer

CTGCGCACCCCTGCGCTGGTACAGGCCCGCGAAAGGCGTGCATCTCCGGTGACATC
LeuArgThrProAlaLeuValGlnAlaAlaAlaLysGlyValArgIleSerGlyAspIle

GATCTCTCGCCCGCGAGGCGAAGGCCCGATCGTCGCCATCACCGGTTCCAACGCGAAG
AspLeuPheAlaArgGluAlaLysAlaProIleValAlaIleThrGlySerAsnAlaLys

AGCACCGTGACCACCCCTGGTGGCGAAATGGCGGTGGCCGCGGACAAGCGTGTGCCGTC
SerThrValThrThrLeuValGlyGluMetAlaValAlaAlaAspLysArgValAlaVal

GGCGGCAACCTCGGCACCCCGCGCTCGACCTGCTGGCCGACGACATCGAGCTGTACGT
GlyGlyAsnLeuGlyThrProAlaLeuAspLeuAlaAspAspIleGluLeuTyrVal

TTGGAGCTGTCGAGCTTCCAGCTGGAAACCTGCGATCGCCTAACGCCGAGGTGGCGACC
LeuGluLeuSerSerPheGlnLeuGluThrCysAspArgLeuAsnAlaGluValAlaThr

GTGCTGAACGTCAGCGAAGACCATATGGATCGCTACGACGGCATGGCTGACTACCACCTG
ValLeuAsnValSerGluAspHisMetAspArgTyrAspGlyMetAlaAspTyrHisLeu

GCCAAGCACCGGATCTCCGCGGTGCCCGCCAGGTCGTGGTAATCGCGCCGATGCCCTG
AlaLysHisArgIlePheArgGlyAlaArgGlnValValAsnArgAlaAspAlaLeu

(SEQ ID NO:1, positions 51-710)

(SEQ ID NO:2, positions 1-220)

FIG. 1A

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ACCCGACCGCTGATGCCGATACCGTGCCGTGGTCGTTGGCCTGAACAAGCCGGAC
ThrArgProLeuIleAlaAspThrValProCysTrpSerPheGlyLeuAsnLysProAsp

TTCAAGGCTTCGGCCTGATCGAGGAAGACGGCCAGAAGTGGCTGGCGTTCCAGTCGAC
PheLysAlaPheGlyLeuIleGluGluAspGlyGlnLysTrpLeuAlaPheGlnPheAsp

AAGCTGCTGCCGGTGGCGAACTGAAGATCCGTGGCGCCCACAACATTCCAACGCGCTC
LysLeuLeuProValGlyGluLeuLysIleArgGlyAlaHisAsnTyrSerAsnAlaLeu

GCCGCGCTGGCGCTGGGCATCGGGTGGCGCTGCCGTTCGACGCCATGCTGGCGCGCTG
AlaAlaLeuAlaLeuGlyHisAlaValGlyLeuProPheAspAlaMetLeuGlyAlaLeu

AAGGCGTTTCCGGCCTGGCTCATCGCTGCCAGTGGTACCGAGCGGAGGGCGTGAGC
LysAlaPheSerGlyLeuAlaHisArgCysGlnTrpValArgGluArgGlnGlyValSer

TACTACGACGATTCCAAGGCCACCAACGTCGGCGCCGCCCTGGCGGCATCGAGGGGCTG
TyrTyrAspAspSerLysAlaThrAsnValGlyAlaAlaLeuAlaAlaIleGluGlyLeu

GGTGCCGACATCGACGGCAAGCTGGTGCTGCCGGCGAGACGGCAAGGGCGCCGAT
GlyAlaAspIleAspGlyLysLeuValLeuLeuAlaGlyGlyAspGlyLysGlyAlaAsp

TTCCATGACCTGCGCGAGCCGGTCGCGCCTCTGCCGGCGGTGGTACTGCTGGCCGT
PheHisAspLeuArgGluProValAlaArgPheCysArgAlaValValLeuLeuGlyArg

GACGCCGGCTGATTGCCAGGCACTGGCAACGCGGTACCGCTGGTGCCTCGAACG
AspAlaGlyLeuIleAlaAlaGlnAlaLeuGlyAsnAlaValProLeuValArgValAlaThr

CTGGACGAAGCAGTCGGCAGGCCGAGCTGGCCGAGCTGGCCCGCGAAGGCGATGCGGTGCTGTTG
LeuAspGluAlaValArgGlnAlaAlaGluLeuAlaArgGluGlyAspAlaValLeuLeu

TCGCCGGCCTGCGCGAGCCTGGACATGTTCAAGAACTTCGAAGAACGCGGACGCCGTGTT
SerProAlaCysAlaSerLeuAspMetPheLysAsnPheGluGluArgGlyArgLeuPhe

GCCAAAGCCGTAGAGGAGCTAGCGTGA (SEQ ID NO:1, positions 711-1397)
AlaLysAlaValGluGluLeuAlaEnd (SEQ ID NO:2, positions 221-448)

FIG. 1B